

2.4.4 Iteration Plan (Release 1.0)

Iteration 1 planning:

The base of the project (env variables, database connection) is already completed at this point

Pair Programmers:

- Jin, Guo
- Sabeeh, Tannus

As a user, I want to be able to login to retrieve my data from the database (information, history, secure information, etc.)			
Task	Who	Estimate	Actual
Backend			
Create a controller for role-based authentication	Krish	2	1
Create a method to handle logging in	Jin	1	2
Create a method to handle signing up	Guo	1	1
Create a database model for the User	Zhiyang	2	1
Frontend			
Create AuthContextProvider	Tannus	1	1
Create Reducer function for AuthContextProvider	Tannus	1	1
Create Login page and logic	Sabeeh	1	0.5
Create Signup page and logic	Sabeeh	1	-

Table 6.1: Disaggregated Tasks by Story: User Login Page

As a user, I want to be able to view a list of my instructors, along with a search bar/sort for filtering, and a page consisting of previous chat rooms			
Task	Who	Estimate	Actual
Backend			
Create the messages database model	Zhiyang	1	1
Create the instructor database model	Zhiyang	1	1
Create a method to send list of instructors based on token header	Jin	3	1
Create a method to send data about active/old messages	Tannus	1	-
Frontend			
Create non-functional homepage UI	Sabeeh	1	0.5
Create function to handle displaying list of my instructors	Sabeeh	1	1
Create function to handle displaying most recent messages	Sabeeh	1	-
Include search bar for filtering	Sabeeh	1	0.5

Table 6.2: Disaggregated Tasks by Story: User Home

As a user, I want to be able to view details about the instructor, along a photo and short bio, allow for reporting, allow for contact with instructor, and have information about what will be taught			
Task	Who	Estimate	Actual
Backend			
Create endpoint to retrieve and send information about an instructor	Krish	3	0.5
Frontend			
Create static UI for instructor details page	Sabeeh	1	0.5
Implement logic to add to static pages based on instructor selection.	Tannus	1	0.5

Table 6.3: Disaggregated Tasks by Story: View Instructor Profile

As an instructor, I want to be able to login to retrieve my data from the database (information, history, secure info, etc.)			
Task	Who	Estimate	Actual
Backend			
Create a controller for role-based authentication	Krish	2	0.5
Create a method to handle logging in	Jin	1	1
Create a method to handle signing up	Guo	1	1
Frontend			
Create AuthContextProvider	Tannus	1	1
Create Reducer function for AuthContextProvider	Tannus	1	1
Create Login page and logic	Sabeeh	1	0.5
Create Signup page and logic	Sabeeh	1	0.5

Table 6.3: Disaggregated Tasks by Story: Instructor Login

As an instructor, I want to be able to view at a glance important information pertaining to my upcoming lessons, any requests and a section consisting of number of unread message/message requests			
Task	Who	Estimate	Actual
Backend			
Create an endpoint and controller for sending data pertaining to story	Krish	4	0.5
Create a method to send number of messages	Zhiyang	2	-
Create a method to send number of requests	Zhiyang	2	1
Create a method to send information about nearest bookings	Jin	2	-
Frontend			
Create Static UI for instructor homepage	Sabeeh	1	-
Implement logic for displaying and retrieving requests number and information	Sabeeh	2	1
Implement logic for displaying messages	Tannus	3	-
Implement logic for displaying upcoming lessons	Sabeeh	1	-

Table 6.4: Disaggregated Tasks by Story: Instructor Home

As an instructor, I want to be able to CRUD my information, such as name, bio, photo, email, phone-number, banking info, etc.			
Task	Who	Estimate	Actual
Backend			
Create endpoint and controller to update and send information	Krish	3	0.5
Create method to update changed information	Zhiyang	2	1
Create method to send instructor information	Zhiyang	2	1

Frontend			
Create static UI for instructor information	Sabeeh	1	1
Implement logic for displaying information	Tannus	2	0.5
Implement logic for sending updates to endpoint	Tannus	2	1

Table 6.5: Disaggregated Tasks by Story: Profile

As an instructor, I want to be able to view incoming requests for bookings			
Task	Who	Estimate	Actual
Back End			
Create student endpoint and controller for requests	Krish	3	0.5
Create method to send list of requests	Zhiyang	2	0.5
Front End			
Create static UI for requests page	Sabeeh	1	0.5
Display retrieved information on static page	Sabeeh	1	0.5

Table 6.6: Disaggregated Tasks by Story: Booking Requests for Instructor

Iteration 2 Planning:

As a user, I want to be able to book the instructors			
Task	Who	Estimate	Actual
Back End			
Create endpoint to create a booking	Krish	3	
Front End			
Create scheduling UI (calendar)	Sabeeh	4	
Implement logic for booking	Tannus	2	

Table 7: Disaggregated Tasks by Story: User Booking Instructor

As a user, I want to be able to view/update my information, such as name, email, phone-number, payment information, etc.			
Task	Who	Estimate	Actual
Back End			
Create an endpoint to retrieve/update and send user data	Krish	3	
Front End			
Create Static UI for profile page	Sabeeh	1	
Implement logic to display retrieved information	Sabeeh	1	

Table 7.1: Disaggregated Tasks by Story: User Profile

As an instructor, I want to be able to view previous and upcoming bookings			
Task	Who	Estimate	Actual
Back End			
Create method to send list of bookings	Zhiyang	3	
Front End			
Create static ui for bookings page	Sabeeh	1	
Implement logic for retrieving and displaying bookings information	Tannus		

Table 7.2: Disaggregated Tasks by Story: Bookings For Instructor

As an instructor, I want to be able to view details about any bookings or report the booking/student			
Task	Who	Estimate	Actual
Back End			
Create a method to send information about a selected request	Zhiyang	3	

Front End			
Create static UI for request detail page	Sabeeh	1	
Implement logic to retrieve and display data into static UI	Sabeeh	1	

Table 7.3: Disaggregated Tasks by Story: View Booking Details

As a user, I want to be able to contact support to help me with any issues			
Task	Who	Estimate	Actual
Back End			
Front End			
Implementing the static UI for contact information	Sabeeh	0.5	

Table 7.4: Disaggregated Tasks by Story: Customer Support User

As a user, I want to be able to chat with the instructor			
Task	Who	Estimate	Actual
Back End			
Create firebase database for storing users and messages	Tannus	2	
Implement middleware for connection with firebase	Tannus	1	
Create functions to send necessary data to firebase	Tannus	2	
Front End			
Implement messaging page UI	Sabeeh	0.5	
Connect firebase messaging library to frontend UI	Jin	2	

Table 7.5: Disaggregated Tasks by Story: User chat with Instructor

As a user, I want to be able to hold a live-chat with customer service
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Task	Who	Estimate	Actual
Back End			
Create firebase database for storing users and messages	Tannus	2	
Implement middleware for connection with firebase	Tannus	1	
Create functions to send necessary data to firebase	Zhiyang	4	
Front End			
Implement messaging page UI	Sabeeh	0.5	
Connect firebase messaging library to frontend UI	Jin	2	

Table 7.6: Disaggregated Tasks by Story: User Chat with Customer Support

As an Instructor, I want to be able to hold a live-chat with customer service			
Task	Who	Estimate	Actual
Back End			
Create firebase database for storing users and messages	Tannus	2	
Implement middleware for connection with firebase	Tannus	1	
Create functions to send necessary data to firebase	Zhiyang	4	
Front End			
Implement messaging page UI	Sabeeh	0.5	
Connect firebase messaging library to frontend UI	Jin	2	

Table 7.7: Disaggregated Tasks by Story: Instructor chat with Customer Support

As a Instructor, I want to be able to contact support to help me with any issues			
Task	Who	Estimate	Actual
Back End			
Front End			
Implementing the static UI for contact information	Jin	0.5	

Table 7.8: Disaggregated Tasks by Story: Instructor contact Customer Support

As an Instructor, I want to be able to chat with students			
Task	Who	Estimate	Actual
Back End			
Create firebase database for storing users and messages	Tannus	2	
Implement middleware for connection with firebase	Tannus	1	
Create functions to send necessary data to firebase	Krish	4	
Front End			
Implement messaging page UI	Jin	0.5	
Connect firebase messaging library to frontend UI	Sabeeh	2	

Table 7.9: Disaggregated Tasks by Story: Instructor chat with User

As an Instructor, I want to be able to view any previous or incoming messages from students			
Task	Who	Estimate	Actual
Back End			
Create function to send message requests to instructor based on	Zhiyang	3	

auth token			
Create function to send most recent messages/chat rooms	Guo	2	
Front End			
Create static UI for displaying list of messages, and chat room UI	Jin	0.5	
Implement data fetching and displaying required data in UI	Sabeeh	1	

Table 7.10: Disaggregated Tasks by Story: Instructor view messages

2.4.5 Additional Documentation

For this section, include 1 of 4 videos from your Iteration Planning meetings (recall that you have a total of 4 Iteration Planning meetings)¹:

1. Showing how your team disaggregated stories into their constituent tasks.
2. How developers on your team volunteer and take responsibilities for tasks.

Provide the file name and URL to the video(s) in your shared folder or YouTube channel.

Iteration 1 Planning Meeting: <https://youtu.be/xKzijE52ghQ>

Iteration 2 Planning Meeting: <https://youtu.be/l6pMA8yMUOw>

¹ Indicate which iteration the video corresponds to. If you decide to submit a video in Release 1.0, then you do not need to include an *Additional Documentation* section for Release 2.0.